

DATE: Monday, January 15, 2007 Purge Queries Printable Copy Create Case

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L37</u>	L28 and L36	0	<u>L37</u>
	<i>DB=EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L36</u>	L35 and l15	4	<u>L36</u>
<u>L35</u>	L34 and navigat\$	245	<u>L35</u>
<u>L34</u>	(uav\$ or unman\$ or "un-man")	11188	<u>L34</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L33</u>	L32 and (uav\$ or unman\$ or "un-man")	8	<u>L33</u>
<u>L32</u>	L31 and (air\$ or flight\$ or aerial\$ or uav\$)	12	<u>L32</u>
<u>L31</u>	L29 or L30	12	<u>L31</u>
<u>L30</u>	L28 and @pd<=20031023	4	<u>L30</u>
<u>L29</u>	L28 and @ad<=20031023	12	<u>L29</u>
<u>L28</u>	((map\$ with pixel\$) same (location or address)) and navigat\$ and ((earth\$ with (coordinate or latitude or longitu\$)) same (waypoint\$ or "way-point"))	16	<u>L28</u>
<u>L27</u>	L26 and (control\$ with vehi\$)	10	<u>L27</u>
<u>L26</u>	L20 and (remot\$ with control\$)	10	<u>L26</u>
<u>L25</u>	L20 and robot\$	6	<u>L25</u>
<u>L24</u>	L20 and uav	0	<u>L24</u>
<u>L23</u>	L21 and (701/206  701/2  701/3  701/11  701/15  701/16).ccls.	0	<u>L23</u>
<u>L22</u>	L21 and (701/206  2,3,11,15,16/).ccls.	0	<u>L22</u>
<u>L21</u>	L20 and (air\$ or flight\$ or aerial\$)	21	<u>L21</u>
<u>L20</u>	L19 and "GPS"	23	<u>L20</u>
<u>L19</u>	L18 not L13	25	<u>L19</u>

<u>L18</u>	L16 or L17	37	<u>L18</u>
<u>L17</u>	L15 and @pd<=20031023	22	<u>L17</u>
<u>L16</u>	L15 and @ad<=20031023	37	<u>L16</u>
<u>L15</u>	(map\$ with pixel\$) and (navigat\$ same (waypoint\$ or "way-point")) <i>DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>	45	<u>L15</u>
<u>L14</u>	20050090972 <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>	1	<u>L14</u>
<u>L13</u>	L12 and "UAV"	27	<u>L13</u>
<u>L12</u>	L6 or L10 or L11 <i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>	29	<u>L12</u>
<u>L11</u>	(6728630   6711477   6748316   6122572   5716032   6626398   6584382)! [PN] <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>	7	<u>L11</u>
<u>L10</u>	( <i>'20050094851'  '20060167622'  '20060167596'  '20060167597'  '20060167599' </i> <i>'20050090972'  'US20050094851A'  '6813559'  '6856894'  '20050090945' </i> <i>'US20050090945A'  'US20050090972A') [ABPN1,NRPN,PN,TBAN,WKU]</i> <i>(<i>'20050094851'  '20060167622'  '20060167596'  '20060167597'  '20060167599' </i></i> <i>'20050090972'  'US20050094851A'  '6813559'  '6856894'  '20050090945' </i> <i>'US20050090945A'  'US20050090972A')[URPN]</i>	18	<u>L10</u>
<u>L9</u>		5	<u>L9</u>
<u>L8</u>	L6 and @pd<=20031023	0	<u>L8</u>
<u>L7</u>	L6 and @ad<=20031023	12	<u>L7</u>
<u>L6</u>	(map\$ with pixel\$) and (("UAV" with navigat\$) same waypoint\$) <i>DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>	16	<u>L6</u>
<u>L5</u>	L3 and (pixel\$ with location\$)	1	<u>L5</u>
<u>L4</u>	L3 and gps	1	<u>L4</u>
<u>L3</u>	20050090972 <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>	1	<u>L3</u>
<u>L2</u>	2005009485 <i>DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>	6	<u>L2</u>
<u>L1</u>	2005009485	0	<u>L1</u>

END OF SEARCH HISTORY

10/692169

☐ 1. Document ID: US 20060217877 A1

L28: Entry 1 of 16

File: PGPB

Sep 28, 2006

PGPUB-DOCUMENT-NUMBER: 20060217877

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060217877 A1

TITLE: NAVIGATING A UAV WITH ON-BOARD NAVIGATION ALGORITHMS WITH FLIGHT  
DEPICTION

PUBLICATION-DATE: September 28, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bodin; William Kress	Austin	TX	US
Redman; Jesse J.W.	Cedar Park	TX	US
Thorson; Derral C.	Austin	TX	US

US-CL-CURRENT: 701/206; 701/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC	Draw Desc
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☐ 2. Document ID: US 20060167622 A1

L28: Entry 2 of 16

File: PGPB

Jul 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060167622

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060167622 A1

TITLE: Navigating UAVs in formations

PUBLICATION-DATE: July 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Bodin; William Kress Austin TX US

Redman; Jesse Cedar Park TX US

Thorson; Derral Charles Austin TX US

US-CL-CURRENT: 701/206; 701/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Desc	
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3. Document ID: US 20060167599 A1

L28: Entry 3 of 16

File: PGPB

Jul 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060167599

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060167599 A1

TITLE: Identifying a UAV landing location

PUBLICATION-DATE: July 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bodin; William Kress	Austin	TX	US
Redman; Jesse	Cedar Park	TX	US
Thorson; Derral Charles	Austin	TX	US

US-CL-CURRENT: 701/16; 340/947

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Desc	
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4. Document ID: US 20060167597 A1

L28: Entry 4 of 16

File: PGPB

Jul 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060167597

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060167597 A1

TITLE: Enabling services on a UAV

PUBLICATION-DATE: July 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bodin; William Kress	Austin	TX	US
Redman; Jesse	Cedar Park	TX	US
Thorson; Derral Charles	Austin	TX	US

US-CL-CURRENT: 701/3; 701/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Desc
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5. Document ID: US 20060167596 A1

L28: Entry 5 of 16

File: PGPB

Jul 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060167596

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060167596 A1

TITLE: Depicting the flight of a formation of UAVs

PUBLICATION-DATE: July 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bodin; William Kress	Austin	TX	US
Redman; Jesse	Cedar Park	TX	US
Thorson; Derral Charles	Austin	TX	US

US-CL-CURRENT: 701/3; 701/301

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Desc
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☐ 6. Document ID: US 20050094851 A1

L28: Entry 6 of 16

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050094851

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050094851 A1

TITLE: Navigating a UAV with telemetry through a socket

PUBLICATION-DATE: May 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bodin, William Kress	Austin	TX	US
Redman, Jesse J.W.	Cedar Park	TX	US
Thorson, Derral C.	Austin	TX	US

US-CL-CURRENT: 382/106; 343/705, 382/107, 382/108, 382/154, 398/121, 701/2,  
701/3, 701/36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NOTE	Draw Desc
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☐ 7. Document ID: US 20050090972 A1

L28: Entry 7 of 16

File: PGPB

Apr 28, 2005

PGPUB-DOCUMENT-NUMBER: 20050090972

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050090972 A1

TITLE: Navigating a UAV

PUBLICATION-DATE: April 28, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bodin, William Kress	Austin	TX	US
Redman, Jesse J.W.	Cedar Park	TX	US

Thorson, Derral C.

Austin

TX

US

US-CL-CURRENT: 701/206; 701/200, 701/213

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Desc
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8. Document ID: US 20050090945 A1

L28: Entry 8 of 16

File: PGPB

Apr 28, 2005

PGPUB-DOCUMENT-NUMBER: 20050090945

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050090945 A1

TITLE: Navigating a UAV with a remote control device

PUBLICATION-DATE: April 28, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bodin, William Kress	Austin	TX	US
Redman, Jesse J.W.	Cedar Park	TX	US
Thorson, Derral C.	Austin	TX	US

US-CL-CURRENT: 701/2; 701/213, 701/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Desc
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9. Document ID: US 20030182052 A1

L28: Entry 9 of 16

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030182052

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030182052 A1

TITLE: Integrated routing/mapping information system

PUBLICATION-DATE: September 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
DeLorme, David M.	Yarmouth	ME	US
Gray, Keith A.	Yarmouth	ME	US
Autry, Gordon	Standish	ME	US
Moulton, Keith A.	Portland	ME	US

US-CL-CURRENT: 701/201; 340/990, 701/202, 701/209

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
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☐ 10. Document ID: US 7130741 B2

L28: Entry 10 of 16

File: USPT

Oct 31, 2006

US-PAT-NO: 7130741  
DOCUMENT-IDENTIFIER:

☐ 11. Document ID: US 7107148 B1

L28: Entry 11 of 16

File: USPT

Sep 12, 2006

US-PAT-NO: 7107148  
DOCUMENT-IDENTIFIER: US 7107148 B1TITLE: Navigating a UAV with on-board navigation algorithms with flight depiction

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Claims	KWIC	Draw Desc	Image
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☐ 12. Document ID: US 6856894 B1

L28: Entry 12 of 16

File: USPT

Feb 15, 2005

US-PAT-NO: 6856894  
DOCUMENT-IDENTIFIER: US 6856894 B1



TITLE: Navigating a UAV under remote control and manual control with three dimensional flight depiction

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Claims	KWIC	Draw Desc	Image						

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☐ 13. Document ID: US 6813559 B1

L28: Entry 13 of 16

File: USPT

Nov 2, 2004

US-PAT-NO: 6813559

DOCUMENT-IDENTIFIER: US 6813559 B1

TITLE: Orbiting a waypoint

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Claims	KWIC	Draw Desc	Image						

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☐ 14. Document ID: US 6321158 B1

L28: Entry 14 of 16

File: USPT

Nov 20, 2001

US-PAT-NO: 6321158

DOCUMENT-IDENTIFIER: US 6321158 B1

TITLE: Integrated routing/mapping information

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Claims	KWIC	Draw Desc	Image						

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☐ 15. Document ID: US 5802492 A

L28: Entry 15 of 16

File: USPT

Sep 1, 1998

US-PAT-NO: 5802492

DOCUMENT-IDENTIFIER: US 5802492 A

TITLE: Computer aided routing and positioning system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5559707 A

L28: Entry 16 of 16

File: USPT

Sep 24, 1996

US-PAT-NO: 5559707

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1. Document ID: US 20060217877 A1, US 7107148 B1

L36: Entry 1 of 4

File: DWPI

Sep 28, 2006

DERWENT-ACC-NO: 2006-706147

DERWENT-WEEK: 200673

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TITLE: Unmanned aerial vehicle navigating method, involves reading sequence of global positioning system data representing path of vehicle from global positioning system receiver and depicting flight of vehicle with computer graphic

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments
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Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20050094851 A1

L36: Entry 2 of 4

File: DWPI

May 5, 2005

DERWENT-ACC-NO: 2005-402005

DERWENT-WEEK: 200541

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TITLE: UAV e.g. aircraft, navigating method, involves finding heading based on starting position, coordinates of waypoint and navigation algorithm, and sending uplink telemetry, including flight control instructions, to UAV

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments
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Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 3. Document ID: US 20050090972 A1

DERWENT-ACC-NO: 2005-401886

DERWENT-WEEK: 200541

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TITLE: Unmanned aerial vehicle navigating method, involves reading starting position of vehicle from receiver on vehicle, and piloting vehicle from starting position to waypoint; based on navigation algorithm

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Claims	RWC	Draw Desc	Clip Img	Image					



4. Document ID: US 7130741 B2, US 20050090945 A1

DERWENT-ACC-NO: 2005-401885

DERWENT-WEEK: 200672

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TITLE: UAV navigating method, involves calculating heading based upon starting point, waypoint coordinates and navigation algorithm, identifying flight control instructions on heading, and transmitting instructions to UAV

DATE: Monday, January 15,

Recent Search Queries



#1 (((map\* <sentence> pixel\* <sentence> (location\* <or> address\* <or> coordinat\*))<paragraph> earth\*)<and> (uav\* <sentence> navigat\*) <in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2003)



#2 (((map\* <sentence> pixel\* <sentence> (location\* <or> address\* <or> coordinat\*))<paragraph> earth\*)<and> (uav\* <sentence> navigat\*) <in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2006)



Results

Edit an existing query or compose a new one in the Search Query Display.

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND or NOT
- Delete a search
- Run a search

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